

LISTING OF CLAIMS

Claim 1 (Currently Amended) An isolated nucleic acid fragment encoding a plant *cis*-prenyltransferase protein selected from the group consisting of:

- (a) an isolated nucleic acid fragment encoding the amino acid sequence as set forth in SEQ ID NO:4;; NO:4; and
- (b) an isolated nucleic acid molecule that hybridizes with a nucleic acid sequence of (a) ~~when washed with:~~ under the following conditions: 0.1X SSC, 0.1% SDS, 65°C, and washed with 0.2X SSC, 0.5% SDS.;
- ~~or (c) an isolated nucleic acid fragment that is completely complementary to (a), or (b).~~

Claim 2 (Currently amended). The isolated nucleic acid fragment of Claim 1 as set forth ~~SEQ ID NO:3, -~~ in SEQ ID NO: 3.

Claims 3-4 (Canceled).

Claim 5 (Currently Amended) . A chimeric gene comprising the isolated nucleic acid ~~fragments~~ fragment of Claim 1 operably linked to ~~suitable regulatory sequences.~~ a suitable regulatory sequence.

Claim 6 (Original). A transformed host cell comprising a host cell and the chimeric gene of Claim 5.

Claim 7 (Original). The transformed host cell of Claim 6 wherein the host cell is selected from the group consisting of plant cells and microbial cells.

Claim 8 (Currently amended). A host cell according to Claim 7 selected from the group consisting of tobacco (*Nicotiana* spp.), tomato (*Lycopersicon* spp.), potato (*Solanum* spp.), hemp (*Cannabis* spp.), sunflower (*Helianthus* spp.), sorghum (*Sorghum vulgare*), wheat (*Triticum* spp.), maize (*Zea mays*), rice (*Oryza sativa*), rye (*Secale cereale*), oats (*Avena* spp.), barley (*Hordeum vulgare*), rapeseed (*Brassica* spp.), broad bean (*Vicia faba*), french bean (*Phaseolus vulgaris*), other bean species (*Vigna* spp.), lentil (*Lens culinaris*), soybean (*Glycine max*), arabidopsis (*Arabidopsis thaliana*), guayule (*Parthenium argentatum*), cotton (*Gossypium hirsutum*), petunia (*Petunia hybrida*), flax (*Linum usitatissimum*); carrot (*Daucus carota sativa*); ~~and Hevea~~ and Hevea.

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Claim 9 (Currently Amended). The transformed host cell of Claim 7 wherein the host cell is selected from the group consisting of *Aspergillus*, *Saccharomyces*, *Pichia*, *Candida*, *Hansenula*, *Bacillus*, *Escherichia*, *Salmonella* and ~~*Shigella*~~ *Shigella*.

Claim 10 - 15 (Canceled).